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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATION OF FACSIMILE TRANSMISSION	
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NAME OF INVENTOR(S): Ngo	RECEIPT DATE & SERIAL NO.: Serial No.: 10/002,193 Filing Date: 10/19/2001
TITLE OF INVENTION: METHOD TO INCREASE HEAD VOLTAGE SWING AND TO REDUCE THE RISE TIME OF WRITE DRIVER	
TI FILE NO.: TI-31786	DEPOSIT ACCT. NO.: 20-0668
FAXED: 11-8-04 DUE: 11/12/2004 ATTY/SECY: WDS/nlc	

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Texas Instruments Incorporated
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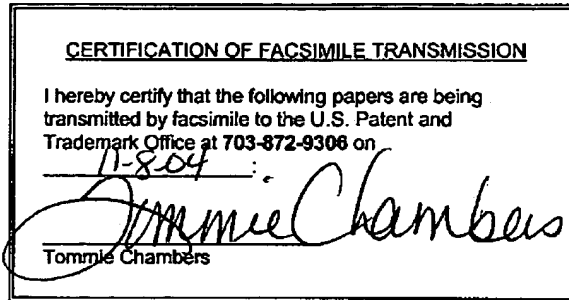
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ngo
Serial No: 10/002,193
Filed: 12:00:00 AM
For: METHOD TO INCREASE HEAD VOLTAGE SWING AND TO REDUCE THE RISE TIME OF WRITE DRIVER

Docket No: TI-31786
Examiner: Kapadia, Varsha A.
Art Unit: 2651

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:



Transmitted herewith is an amendment in this application.

The fee has been calculated as shown below.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest Number Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	20	Minus	24	0	x \$18 =	\$ 0
Ind. Claims	6	Minus	3	0	x \$88 =	\$ 264
TOTAL ADDITIONAL FEE FOR THIS AMOUNT						\$ 264

Under 37 C.F.R. § 1.16(k) please charge the total additional fee, and any further fees, or credit overpayment to the deposit account of Texas Instruments Incorporated, Account No. 20-0668. This form is submitted in duplicate.

Respectfully submitted,

W. Daniel Swayze, Jr.
Reg. No. 34,478
Attorney for Applicant

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ngo Docket No: TI-31786
Serial No: 10/002,193 Examiner: Kapadia, Varsha A.
Filed: 12:00:00 AM Art Unit: 2651
For: METHOD TO INCREASE HEAD VOLTAGE SWING AND TO REDUCE
THE RISE TIME OF WRITE DRIVER

AMENDMENT UNDER 37 C.F.R. § 1.115

Assistant Commissioner For Patents
Washington, DC 20231

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Tommie Chambers

Dear Sir:

Responsive to the Office Action mailed August 12, 2204 in connection with the
above identified application, Applicants respectfully submit the following amendments
and remarks.

TI-31786 - 1 -